Abstract of the Disclosure

A function of controlling a seek in an optical disk and a transmission process block for transmitting information on the storage location of data recorded on the optical disk including defect management information indicating an alternative storage location for a defective block to a μ code are provided in firmware, and a detection process block for detecting the storage location of the data recorded on the optical disk based on the storage location information and a notification process block for notifying the firmware of a request for a seek for the storage location of the data recorded in the optical disk thus detected. Therefore, in an optical disk controller for performing processes according to the CD-MRW standards, the performance of a process unique to the CD-MRW standards is improved even when a plurality of programs are executed independently of each other by a single CPU.